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practicability of establishing for ourselves and for the American continent generally a distributing center for the drug products of the world that will be independent of the now existing drug markets in European ports.

PLAGUE-ERADICATIVE WORK.

CALIFORNIA.

The following report of plague-eradication work in California for the week ended September 19, 1914, has been received from Surg. Long, of the United States Public Health Service, in charge of the work:

SAN FRANCISCO, CAL.		RATS IDENTIFIED—continued.	
Number of premises inspected.....	1,431	<i>Mus alexandrinus</i>	80
Number of premises destroyed.....	8	<i>Mus rattus</i>	90
Number of nuisances abated.....	169	PORT COSTA, CAL.	
Number of poisons placed.....	22,900	Number of rats trapped in warehouses.....	19
Average number of traps set daily.....	1,734	Number of rats trapped on water front.....	15
RATS COLLECTED AND EXAMINED FOR PLAGUE.		Number of rats trapped in sugar refinery...	15
Collected.....	501	Number of rats examined.....	49
Found dead.....	1	Amount poison placed on Port Costa hills (pounds).....	8
Examined.....	306	RATS IDENTIFIED.	
Found infected.....	None.	<i>Mus norvegicus</i>	24
RATS IDENTIFIED.		<i>Mus musculus</i>	7
<i>Mus norvegicus</i>	237	<i>Mus alexandrinus</i>	18
<i>Mus musculus</i>	94	<i>Mus rattus</i>	

Record of plague infection.

Places in California.	Date of last case of human plague.	Date of last case of rat plague.	Date of last case of squir- rel plague.	Total number ro- dents found in- fected since May, 1907.
Cities:				
San Francisco.....	Jan. 30, 1908	Oct. 23, 1908	None.....	398 rats.
Oakland.....	Aug. 9, 1911	Dec. 1, 1908	.....do.....	126 rats.
Berkeley.....	Aug. 28, 1907	None.....	.....do.....	None.
Los Angeles.....	Aug. 11, 1908	.....do.....	Aug. 21, 1908	1 squirrel.
Counties:				
Alameda (exclusive of Oakland and Berkeley).....	Sept. 24, 1909	Oct. 17, 1909 (wood rat).	Aug. 7, 1914	286 squirrels, 1 wood rat.
Contra Costa.....	May 17, 1914	None.....	Aug. 25, 1914	1,563 squirrels.
Fresno.....	None.....	.....do.....	Oct. 27, 1911	1 squirrel
Merced.....	.....do.....	.....do.....	July 12, 1911	5 squirrels.
Monterey.....	.....do.....	.....do.....	Apr. 10, 1914	6 squirrels.
San Benito.....	June 4, 1913	.....do.....	July 3, 1914	35 squirrels.
San Joaquin.....	Sept. 18, 1911	.....do.....	Aug. 26, 1911	18 squirrels.
San Luis Obispo.....	None.....	.....do.....	Jan. 29, 1910	1 squirrel.
Santa Clara.....	Aug. 31, 1910	.....do.....	July 23, 1913	25 squirrels.
Santa Cruz.....	None.....	.....do.....	May 17, 1910	3 squirrels.
Stanislaus.....	.....do.....	.....do.....	June 2, 1911	13 squirrels.

Squirrels collected and examined for plague.

County.	Shot.	Exam-ined.	Found infected.
Alameda.....	52	52	None.
Contra Costa.....	393	393	None.
San Benito.....	114	114	None.

Ranches inspected and hunted over.

Alameda County.....	7
Contra Costa County.....	71
San Benito County.....	20
Total.....	98

Operations on waterfront.

Number of vessels inspected for rat guards.....	23
Number of reinspections made on vessels.....	37
Number of new rat guards procured.....	20
Number of defective rat guards repaired.....	22
Number of vessels on which cargo was inspected.....	5

	Condition.	Fat evidence.
Steamer Wilhelmina, from Hilo:		
8 boxes household goods.....	O. K.	None.
25 bundles empty cement sacks.....	O. K.	None.
60 cases merchandise.....	O. K.	None.
Steamers Governor, Admiral Farragut, Admiral Dewey, Congress:		
100 boxes merchandise.....	O. K.	None.
150 cases merchandise.....	O. K.	None.
30 crates household goods.....	O. K.	None.
70 rolls paper.....	O. K.	None.
650 sacks flour, bran, and wheat.....	O. K.	None.

Rats trapped on wharves and water front....	12	Poisons placed on water front (pieces).....	9,000
Rats trapped on vessels.....	14	Amount of bread used in poisoning water	
Traps set on wharves and water front.....	182	front (loaves).....	30
Traps set on vessels.....	146	Poison used on water front.....	pounds.. 15
Vessels trapped on.....	16		

Operations are being carried on under Federal supervision on the following-named properties, labor and material being furnished by owners.

Poisoned grain and destructors.

Names.	Location.	Acres treated.		Holes treated.
		Pumps.	Grain.	
Hooper Co.....	Contra Costa County.....		1,821.02	
Moraga Co.....	do.....		1,852.55	
Moraga grant.....	do.....		150.00	
Bookwood acres.....	do.....		600.00	
W. J. White Ranch.....	do.....		100.00	
McLaughlin Land Co.....	Alameda County.....		3,360.00	
Planadha development.....	Merced County.....		1,515.00	
Morse Realty Co.....	do.....		680.00	
McCollum ranch.....	do.....		320.00	
Southern Pacific Co.....	do.....	5½ miles.		2,171
Peoples Water Co.....	Contra Costa County.....		1,900.00	
Alameda County.....			acres inspected..	3,360
Merced County.....			miles..	5½

The work is being carried on in the following-named counties: San Francisco, Alameda, Santa Clara, Contra Costa, San Joaquin, Merced, Stanislaus, San Benito, Santa Cruz, and Monterey.

LOUISIANA—NEW ORLEANS.

The following report of plague-eradivative work in New Orleans for the week ended September 26, 1914, has been received from Asst. Surg. Gen. Rucker, of the United States Public Health Service, in charge of the work:

OUTGOING QUARANTINE.		DESTINATION AND NUMBER OF RAILROAD CARS INSPECTED WEEK ENDED SEPT. 26—contd.	
Vessels fumigated with sulphur.....	70	North Carolina.....	16
Vessels fumigated with carbon monoxide...	13	North Dakota.....	7
Sulphur burned, pounds.....	8,274	Ohio.....	58
Coke consumed in carbon monoxide fumi- gation, pounds.....	38,200	Oklahoma.....	14
Outgoing freight inspected, tons.....	8,030	Pennsylvania.....	12
Total packages freight inspected.....	128,853	South Carolina.....	17
Clean bills of health issued.....	29	South Dakota.....	11
Foul bills of health issued.....	3	Tennessee.....	102
OVERLAND FREIGHT INSPECTION.		Texas.....	249
Cars inspected.....	3,758	Virginia.....	5
Cars rat-proofed.....	2,074	Washington.....	3
Cars condemned.....	32	West Virginia.....	3
DESTINATION AND NUMBER OF RAILROAD CARS INSPECTED WEEK ENDED SEPT. 26.		Wisconsin.....	12
Alabama.....	134	Canada.....	3
Arizona.....	4	FIELD OPERATIONS.	
Arkansas.....	47	Number of rats trapped.....	8,399
California.....	65	Premises fumigated.....	13
Colorado.....	4	Premises disinfected.....	210
Connecticut.....	3	Premises inspected.....	6,876
Delaware.....	6	Poisons placed.....	332,335
District of Columbia.....	1	Notices served.....	3,906
Florida.....	51	Buildings rat-proofed during week ended Sept. 26.....	199
Georgia.....	57	Buildings rat-proofed to date.....	1,300
Illinois.....	509	Number of abatements week ended Sept. 26.....	1,357
Indiana.....	43	Number of abatements to date.....	7,556
Iowa.....	21	Number of dead inspected.....	116
Kansas.....	15	LABORATORY OPERATIONS.	
Kentucky.....	34	Rats examined.....	5,776
Louisiana.....	1,304	Mus norvegicus.....	5,593
Maryland.....	4	Mus alexandrinus.....	124
Massachusetts.....	10	Mus rattus.....	53
Michigan.....	27	Mus musculus.....	2,383
Minnesota.....	10	Unclassified, putrid.....	194
Mississippi.....	449	Total rodents received at laboratory.....	8,347
Missouri.....	94	Number of suspicious rats.....	16
Montana.....	2	Plague rats confirmed.....	35
Nebraska.....	1		
New Mexico.....	2		
New York.....	4		

Plague rats.

Case No.	Address.	Captured.	Diagnosis confirmed.	Treatment of premises.
128, 129 130	1017 Common Street.....	Sept. 20	Sept. 20	See case 100.
131, 132	160 South Rampart Street.....	..do....	..do....	See case 101.
133, 134	..do.....	Sept. 22	Sept. 22	Do.
135	2815 Dumaine Street.....	Sept. 16	Sept. 23	Summary destruction rat harborage; rat-proofing initiated; disinfection; intensive trapping and poisoning.
136	Elevator "D" Stuy. Docks.....	Sept. 23	..do....	Disinfection; rat-proofing initiated.
137	Trapped in sewer, corner Rampart and Common Streets.	Sept. 24	Sept. 24	Intensive trapping and poisoning.
138	Girod Street Wharf.....	..do....	..do....	Do.
139	2009 Spain Street.....	Sept. 18	Sept. 25	Do.
140, 141	1013 Magazine Street.....	Sept. 25	..do....	Fumigation; summary destruction of rat harborage; rat-proofing initiated; disinfection.
142-147	..do.....	Sept. 26	Sept. 26	See case 140.
148	2904 Melpomene Street.....	..do....	..do....	Summary destruction of rat harborage; rat-proofing initiated; trapping and poisoning.
149-162	1013 Magazine Street.....	..do....	..do....	See case 140.

These rodents were taken as result of summary destruction of rat harborage.

Human plague cases.

Suspicious human cases examined.....	1
Number of human plague cases.....	3
Total number of human cases to date.....	28

Case No.	Name and place of infection.	Date suspicious.	Diagnosis confirmed.	Treatment of premises.
26	C. A., 824 Burgundy Street.....	Sept. 21	Sept. 22	Fumigated; intensive trapping and poisoning.
27	J. J. V., 1463 Bourbon Street.....	..do....	..do....	Fumigation; rat-proofing initiated; intensive trapping and poisoning.
28	Mrs. H. S., 910 Elysian Fields....	Sept. 22	Sept. 23	Do.

Total rodents captured to Sept. 26.....	96,794
Total rodents examined to Sept. 26.....	86,639

Rodent cases to Sept. 26, by species:

Mus rattus.....	6
Mus alexandrinus.....	3
Mus norvegicus.....	153

Total rodent cases to Sept. 26..... 162

A later telegraphic report from New Orleans, dated October 5, 1914, states that two additional cases of plague in man have been notified in that city.

WASHINGTON—SEATTLE.

The following report of plague-eradication work in Seattle for the week ended September 19, 1914, has been received from Surg. Lloyd, of the United States Public Health Service, in charge of the work:

RAT PROOFING.	
New buildings inspected.....	35
Basements concreted, new buildings (15), square feet.....	31,026
Floors, concreted, new buildings (14), square feet.....	47,152
Yards, etc., concreted, new buildings (4), square feet.....	3,396
Sidewalks concreted.....square feet..	5,830
Total concrete laid, new buildings, square feet.....	87,404
New buildings elevated.....	5
Old building inspected.....	1
Premises rat proofed.....	31
Basement concreted, old building.....	1
Openings screened.....	36
Rat holes cemented.....	42
Doors rat proofed.....	4
Wire screening used.....square feet..	750
Buildings razed.....	5

WATER FRONT.	
Vessels inspected and histories recorded....	8
Vessels fumigated.....	2
Sulphur used.....pounds..	2,125
New rat guards installed.....	37
Port sanitary statements issued.....	54
LABORATORY AND RODENT OPERATIONS.	
Dead rodents received.....	11
Rodents trapped and killed.....	268
Total.....	279
Rodents examined for plague infection.....	394
Rodents proven plague infected.....	None.
Poison distributed.....pounds..	20
CLASSIFICATION OF RODENTS.	
Mus rattus.....	16
Mus alexandrinus.....	91
Mus norvegicus.....	305
Mus musculus.....	67

The usual day and night patrol was maintained to enforce fending and rat guarding.

HAWAII—HILO.

The following report of plague-eradivative work in Hilo for the week ended August 29, 1914, has been received from Surg. Trotter, of the United States Public Health Service:

Number of rats and mongoose taken.....	10,053	Number of rats and mongoose plague infected.	
Number of rats trapped.....	9,911	Classification of rats trapped and found dead:	
Number of rats found dead.....	11	Mus norvegicus.....	2,237
Number of mongoose taken.....	131	Mus alexandrinus.....	1,210
Number of rats and mongoose examined macroscopically.....	10,053	Mus rattus.....	3,113
Number of rats and mongoose examined microscopically.....	3	Mus musculus.....	3,362
Number of rats and mongoose examined bacteriologically.....	1	Rats not classified, found dead and trapped in plantation camps destroyed by burning.	1,041
		Poisoned food placed, pieces.....	13,642
		Poisoned food taken, pieces.....	1,107

Last case of rat plague, Pacific Sugar Mill, January 30, 1914.

Last case of human plague, Paauhau Sugar Co., August 16, 1914.

PORTO RICO.

The following is a summary of reports of plague-eradivative work in Porto Rico for the two weeks ended September 25, 1914:

Rodents examined for infection.

	Rats.	Mice.		Rats.	Mice.
San Juan.....	126	85	Arecibo.....	41	7
Puerta de Tierra.....	47	2			
Sanurce.....	403	22	Total.....	620	116
Rio Piedras.....	3				